

# Search History

STN  
(HCAPLUS, INSPIC, JAPIO, INPADOC, USPATALL)  
3/22/06

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(FILE 'HOME' ENTERED AT 11:16:06 ON 22 MAR 2006)

FILE 'HCAPLUS, INSPIC, JAPIO, INPADOC, USPATFULL, USPAT2' ENTERED AT  
11:16:24 ON 22 MAR 2006

L1 261 S (ARRAY#) (8A) (OPTO(W) ELECTRONIC(W) DEVICE#)  
L2 6 S (SEPARAT? OR PULL? OR LIFT?) (8A) (MULTILAYER# (4A) EPITAXIAL(W) F  
L3 97711 S (PLURAL? OR MULTIP?) (8A) (SEGMENT#)  
L4 12042 S (CONFIN? OR SEGREGAT? OR SEPARAT?) (8A) (ACTIV? (6A) REGION# OR A  
L5 2 S L1 AND L2 AND L3 AND L4  
L6 3 S L1 AND L3 AND L4

=> d l6 1-3 abs, bib

L6 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN  
AB An **opto-electronic device array** is  
made from a multilayer epitaxial film by the following steps. The  
multilayer epitaxial film is separated into a **plurality of**  
**segments**. The segments are transferred to a 1st substrate to be  
arranged in an array substantially. **Active regions**  
are resp. **confined** in the segments so that the **active**  
**regions** form the array.  
AN 2004:569484 HCAPLUS  
DN 141:131048  
TI Production method of **opto-electronic device**  
**array**  
IN Furuyama, Hideto  
PA Kabushiki Kaisha Toshiba, Japan; New Energy and Industrial Tech.  
Development Org.  
SO U.S. Pat. Appl. Publ., 22 pp.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004134416	A1	20040715	US 2003-743087	20031223
	JP 2004207388	A2	20040722	JP 2002-372903	20021224
	JP 3723177	B2	20051207		
PRAI	JP 2002-372903	A	20021224		

L6 ANSWER 2 OF 3 INPADOC COPYRIGHT 2006 EPO on STN

LEVEL 1  
AN 238762487 INPADOC ED 20040806 EW 200432 UP 20041028 UW 200444  
TI Production method of **opto-electronic device**  
**array**.  
IN FURUYAMA HIDETO  
INS FURUYAMA HIDETO  
INA JP  
PA KABUSHIKI KAISHA TOSHIBA; NEW ENERGY AND INDUSTRIAL TECH. DEVELOPMENT  
ORG.  
PAS TOKYO SHIBAURA ELECTRIC CO; NEW ENERGY AND IND TECH DEV OR  
PAA JP; JP  
TL English  
DT Patent  
PIT USAA PATENT APPLICATION PUBLICATION (PRE-GRANT)  
PI US 2004134416 AA 20040715  
AI US 2003-743087 A 20031223  
PRAI JP 2002-372903 A 20021224 (EDPR 20040806)  
OSDW 2004-579087

L6 ANSWER 3 OF 3 USPATFULL on STN

AB An **opto-electronic device array**  
is made from a multilayer epitaxial film by the following steps. The  
multilayer epitaxial film is separated into a **plurality of**  
**segments**. The **segments** are transferred to a first

substrate to be arranged in an array substantially. **Active regions** are respectively **confined** in the segments so that the **active regions** form the array.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2004:175264 USPATFULL

TI Production method of **opto-electronic device array**

IN Furuyama, Hideto, Yokohama-shi, JAPAN

PA KABUSHIKI KAISHA TOSHIBA, Tokyo, JAPAN (non-U.S. corporation)

NEW ENERGY AND INDUSTRIAL TECH. DEVELOPMENT ORG., Tokyo, JAPAN (non-U.S. corporation)

PI US 2004134416 A1 20040715

AI US 2003-743087 A1 20031223 (10)

PRAI JP 2002-372903 20021224

DT Utility

FS APPLICATION

LREP OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET, ALEXANDRIA, VA, 22314

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN 13 Drawing Page(s)

LN.CNT 793

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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=> d l5 1-2 abs,bib

L5 ANSWER 1 OF 2 INPADOC COPYRIGHT 2006 EPO on STN

LEVEL 1

AN 238762487 INPADOC ED 20040806 EW 200432 UP 20041028 UW 200444  
TI Production method of **opto-electronic device array**.  
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INS FURUYAMA HIDETO  
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PA KABUSHIKI KAISHA TOSHIBA; NEW ENERGY AND INDUSTRIAL TECH. DEVELOPMENT  
ORG.  
PAS TOKYO SHIBAURA ELECTRIC CO; NEW ENERGY AND IND. TECH. DEV OR  
PAA JP; JP  
TL English  
DT Patent  
PIT USAA PATENT APPLICATION PUBLICATION (PRE-GRANT)  
PI US 2004134416 AA 20040715  
AI US 2003-743087 A 20031223  
PRAI JP 2002-372903 A 20021224 (EDPR 20040806)  
OSDW 2004-579087

L5 ANSWER 2 OF 2 USPATFULL on STN

AB An **opto-electronic device array**  
is made from a multilayer epitaxial film by the following steps. The  
**multilayer epitaxial film** is  
**separated** into a plurality of **segments**. The  
**segments** are transferred to a first substrate to be arranged in  
an array substantially. **Active regions** are  
respectively **confined** in the segments so that the  
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AN 2004:175264 USPATFULL  
TI Production method of **opto-electronic device array**  
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PA KABUSHIKI KAISHA TOSHIBA, Tokyo, JAPAN (non-U.S. corporation)  
NEW ENERGY AND INDUSTRIAL TECH. DEVELOPMENT ORG., Tokyo, JAPAN (non-U.S.  
corporation)  
PI US 2004134416 A1 20040715  
AI US 2003-743087 A1 20031223 (10)  
PRAI JP 2002-372903 20021224  
DT Utility  
FS APPLICATION  
LREP OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET,  
ALEXANDRIA, VA, 22314  
CLMN Number of Claims: 20  
ECL Exemplary Claim: 1  
DRWN 13 Drawing Page(s)  
LN.CNT 793  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Day : Wednesday

Date: 3/22/2006

Time: 10:51:51


**Inventor Name Search Result**

Your Search was:

Last Name = FURUYAMA

First Name = HIDETO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>06806497</u>	<u>4676863</u>	150	12/09/1985	METHOD OF FABRICATING A MESA STRIPE ON A SEMICONDUCTOR WAFER PLANE	FURUYAMA, HIDETO
<u>06810093</u>	<u>4701774</u>	150	12/18/1985	LIGHT EMITTING SEMICONDUCTOR DEVICE	FURUYAMA, HIDETO
<u>06943760</u>	<u>4810670</u>	150	12/19/1986	METHOD OF MANUFACTURING AN EMBEDDED TYPE SEMICONDUCTOR LASER	FURUYAMA, HIDETO
<u>07095114</u>	<u>4870468</u>	150	09/11/1987	SEMICONDUCTOR LIGHT-EMITTING DEVICE AND METHOD OF MANUFACTURING THE SAME	FURUYAMA, HIDETO
<u>07198859</u>	<u>4858241</u>	150	05/26/1988	SEMICONDUCTOR LASER DEVICE	FURUYAMA, HIDETO
<u>07198866</u>	<u>4862474</u>	150	05/26/1988	SEMICONDUCTOR LASER DEVICE	FURUYAMA, HIDETO
<u>07257519</u>	<u>5084410</u>	150	10/14/1988	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICES	FURUYAMA, HIDETO
<u>07382345</u>	<u>4958202</u>	250	07/20/1989	SEMICONDUCTOR LIGHT-EMITTING DEVICE AND METHOD OF MANUFACTURING THE SAME	FURUYAMA, HIDETO
<u>07383099</u>	<u>4974232</u>	250	07/21/1989	SEMICONDUCTOR LASER DEVICE	FURUYAMA, HIDETO
<u>07383100</u>	<u>4974233</u>	250	07/21/1989	SEMICONDUCTOR LASER DEVICE	FURUYAMA, HIDETO
<u>07413489</u>	<u>4992386</u>	150	09/27/1989	METHOD OF MANUFACTURING A	FURUYAMA, HIDETO

				SEMICONDUCTOR LIGHT DETECTOR	
<u>07554890</u>	<u>5060306</u>	150	07/20/1990	OPTICAL TRANSMISSION SYSTEM	FURUYAMA, HIDETO
<u>07582336</u>	<u>5221984</u>	150	09/14/1990	OPTICAL DATA TRANSMISSION DEVICE WITH PARALLEL CHANNEL PATHS FOR ARRAYED OPTICAL ELEMENTS	FURUYAMA, HIDETO
<u>07602174</u>	<u>5144381</u>	150	10/23/1990	SEMICONDUCTOR LIGHT DETECTOR UTILIZING AN AVALANCHE EFFECT AND HAVING AN IMPROVED GUARD RING STRUCTURE	FURUYAMA, HIDETO
<u>07766204</u>	<u>5205032</u>	150	09/27/1991	ELECTRONIC PARTS MOUNTING APPARATUS	FURUYAMA, HIDETO
<u>08118811</u>	<u>5434426</u>	250	09/10/1993	OPTICAL INTERCONNECTION DEVICE	FURUYAMA, HIDETO
<u>08120410</u>	<u>5343054</u>	150	09/14/1993	SEMICONDUCTOR LIGHT- DETECTING DEVICE WITH RECOMBINATION RATES	FURUYAMA, HIDETO
<u>08160919</u>	<u>5412748</u>	150	12/03/1993	OPTICAL SEMICONDUCTOR MODULE	FURUYAMA, HIDETO
<u>08379282</u>	<u>5559918</u>	150	01/27/1995	OPTICAL SEMICONDUCTOR MODULE IN WHICH A HERMETICALLY SEALED OPTICAL SEMICONDUCTOR DEVICE IS CONNECTED TO AN ELECTRICAL WIRING LAYER	FURUYAMA, HIDETO
<u>08531640</u>	<u>5719979</u>	150	09/21/1995	OPTICAL SEMICONDUCTOR MODULE AND METHOD FOR MANUFACTURING THE SAME	FURUYAMA, HIDETO
<u>08917892</u>	<u>5980119</u>	150	08/27/1997	SINGLE-CRYSTAL COMPONENT TO BE APPLIED TO OPTICAL MODULE AND ITS FABRICATION METHOD	FURUYAMA, HIDETO
<u>09030959</u>	<u>6091147</u>	150	02/26/1998	CONNECTOR TYPE SEMICONDUCTOR PACKAGE	FURUYAMA, HIDETO
<u>09040342</u>	<u>5970200</u>	150	03/18/1998	APPARATUS HAVING OPTICAL COMPONENTS AND A MANUFACTURING METHOD THEREOF	FURUYAMA, HIDETO

<u>09408122</u>	<u>6487224</u>	150	09/29/1999	LASER DIODE ASSEMBLY	FURUYAMA, HIDETO
<u>09603896</u>	<u>6516104</u>	150	06/26/2000	OPTICAL WIRING DEVICE	FURUYAMA, HIDETO
<u>09606014</u>	<u>6449296</u>	150	06/29/2000	SEMICONDUCTOR LASER DEVICE	FURUYAMA, HIDETO
<u>09621482</u>	<u>6365911</u>	150	07/21/2000	BIDIRECTIONAL SEMICONDUCTOR LIGHT- EMITTING ELEMENT AND OPTICAL SYSTEM	FURUYAMA, HIDETO
<u>09749801</u>	<u>6587494</u>	150	12/28/2000	SEMICONDUCTOR LASER DEVICE	FURUYAMA, HIDETO
<u>09961372</u>	<u>6741781</u>	150	09/25/2001	OPTICAL INTERCONNECTION CIRCUIT BOARD AND MANUFACTURING METHOD THEREOF	FURUYAMA, HIDETO
<u>10090609</u>	<u>6654393</u>	150	03/06/2002	SEMICONDUCTOR LASER DEVICE	FURUYAMA, HIDETO
<u>10244386</u>	<u>6687272</u>	150	09/17/2002	SEMICONDUCTOR LASER DEVICE	FURUYAMA, HIDETO
<u>10305135</u>	<u>6760500</u>	150	11/27/2002	OPTICAL WIRING DEVICE	FURUYAMA, HIDETO
<u>10372914</u>	<u>6687277</u>	150	02/26/2003	SEMICONDUCTOR LASER DEVICE	FURUYAMA, HIDETO
<u>10375353</u>	<u>6961523</u>	150	02/28/2003	OPTICAL MULTIPLEXING INTERCONNECT MODULE	FURUYAMA, HIDETO
<u>10743087</u>	Not Issued	30 Applicants Invented	12/23/2003	Production method of opto- electronic device array	FURUYAMA, HIDETO
<u>10768123</u>	<u>6968109</u>	150	02/02/2004	OPTICAL INTERCONNECTION CIRCUIT BOARD AND MANUFACTURING METHOD THEREOF	FURUYAMA, HIDETO
<u>10778030</u>	Not Issued	30	02/17/2004	LSI package provided with interface module and method of mounting the same	FURUYAMA, HIDETO
<u>10898337</u>	Not Issued	71	07/26/2004	Optical semiconductor module and its manufacturing method	FURUYAMA, HIDETO
<u>10899154</u>	Not Issued	30	07/27/2004	Wiring board and a semiconductor device using the same	FURUYAMA, HIDETO
<u>10920365</u>	Not Issued	30	08/18/2004	Interface module-mounted LSI package	FURUYAMA, HIDETO

\*

<a href="#">11012273</a>	Not Issued	30	12/16/2004	Optical semiconductor module and method of manufacturing the same	FURUYAMA, HIDE TO
<a href="#">11014833</a>	Not Issued	30	12/20/2004	Holder of optical transmission lines and multi-core optical waveguide	FURUYAMA, HIDE TO
<a href="#">11015013</a>	Not Issued	71	12/20/2004	LSI package provided with interface module	FURUYAMA, HIDE TO
<a href="#">11049758</a>	Not Issued	30	02/04/2005	Optical fiber connector and connecting method	FURUYAMA, HIDE TO
<a href="#">11081617</a>	Not Issued	30	03/17/2005	LSI package provided with interface module and transmission line header employed in the package	FURUYAMA, HIDE TO
<a href="#">11143731</a>	Not Issued	93	06/03/2005	OPTICAL INTERCONNECTION CIRCUIT BOARD AND MANUFACTURING METHOD THEREOF	FURUYAMA, HIDE TO
<a href="#">11197344</a>	Not Issued	41	08/05/2005	Optical multiplexing interconnect module	FURUYAMA, HIDE TO
<a href="#">11200045</a>	Not Issued	30	08/10/2005	Optical semiconductor module and semiconductor device including the same	FURUYAMA, HIDE TO
<a href="#">11200173</a>	Not Issued	30	08/10/2005	LSI package having interface function with exterior, circuit device including the same, and manufacturing method of circuit device	FURUYAMA, HIDE TO
<a href="#">11203959</a>	Not Issued	30	08/16/2005	LSI package equipped with interface module, interface module and connection holding mechanism	FURUYAMA, HIDE TO

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<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	<b>Search</b>
	<input type="text" value="Furuyama"/>	<input type="text" value="Hideto"/>	

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